I am grateful to MSSI for responding to my comments and supplying the new DARPA report.

1. Perhaps I should have said that higher peak powers will cause more interference in some systems and less in others depending (as I did say) on the coding and the service. In fact the report only confirms my concerns. Figure 4, for example, shows UWB interference to have an equivalence to noise of a level 30dB or more higher, for some systems.

The fact that new products (emerging as a result of a regulatory change) may cause less interference to certain systems in no way negates the need for the FCC to consider those systems for which interference may become worse. It should also be noted that the DARPA report only considers defense systems.

2. My comment on the effect of pulses on data packets was simply that where a pulse causes the loss of a packet, a more powerful pulse (at lower prf) will cause loss at a greater distance. However since fewer packets may be lost the overall effect depends on the built in redundancy.

3. The report contained some interesting material on spectral lines (page 20), which confirmed that for narrow band services (eg GSM=200kHz channel) the spectral density in the receiver band may be higher that that indicated by the mean power measured in a 1MHz RBW. (I should add that I work for a cellular manufacturer, although these comments are all made on a personal basis.)

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